

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005970**Date Inspected:** 23-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shi Lei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 2-

This QA Inspector observed the following work in progress: FCAW welding of weld joints 002 and 003 located on Corner Assembly Corner Assembly CA105. ZPMC welders were identified as 0405240 and 045203 . ZPMC QC is identified as Liu Wei Wei. The welding appeared to be in conformance with welding procedure specifications, WPS-B-T-2233-TC-U4b-F(3G) and WPS-B-T-2232-TC-U4b-F(2G).

Bay 10-

QA Inspector observed the following work in progress: SAW welding of weld joints 13B, 15, 16B, 18, 19B, 21 and 24 located on lift 3 South Tower Skin plate E . ZPMC welders were identified as 040489 and 052917. ZPMC QC is identified as Chen Li kun. The welding appeared to be in conformance with welding procedure specifications, WPS-B-T-2321-B-P3-S-2 (PJP) and WPS-B-T-2221-B-U3C-S-2.

Bay13-

QA Inspector observed the following work in progress: SAW welding of weld joint 005 and 006 located on OBG section 2AW Segment 007 . ZPMC welders was identified as 050502. ZPMC QC is identified as Shi Lei. The

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welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-L2C-S-2..

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversations occurred between QC and QA on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
